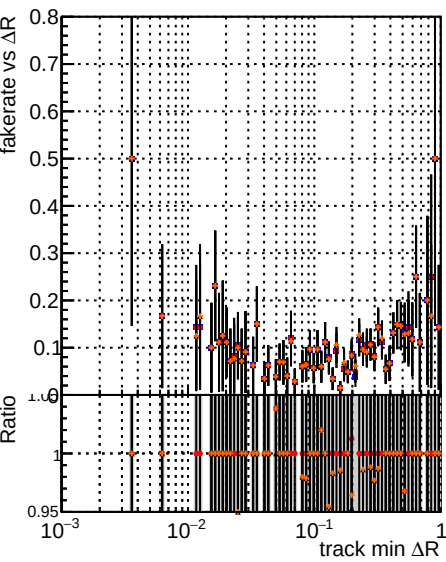


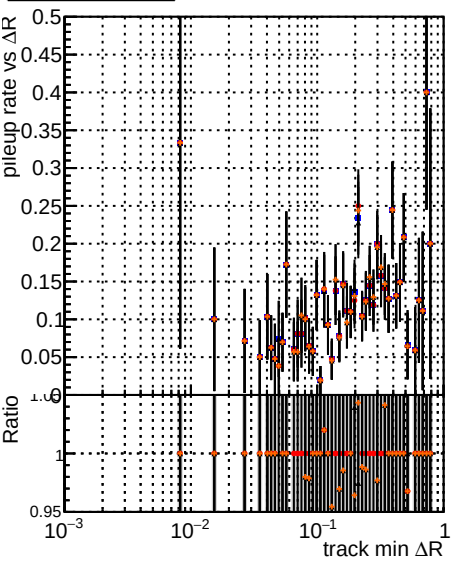
Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr



Fake rate vs

DOM V00001 R00000000001

Global mktFit original

DOM V00001 R00000000001

Global mktFit pless

DOM V00001 R00000000001

Global mktFit new

Plot of fake rate vs $\Delta R(\text{track, jet})$. The y-axis is labeled 'fakerrate vs $\Delta R(\text{track, jet})$ ' and 'Ratio', ranging from 0.95 to 0.1. The x-axis is labeled ' $\Delta R(\text{track, jet})$ ' and ranges from 10^{-3} to 10^{-1} . Data points are shown with error bars, and a horizontal line is drawn at Ratio = 1.0.

Plot of duplicates rate vs $\Delta R(\text{track, jet})$. The y-axis is labeled 'duplicates rate vs $\Delta R(\text{track, jet})$ ' and 'Ratio', ranging from 0 to 0.01. The x-axis is labeled ' $\Delta R(\text{track, jet})$ ' and ranges from 10^{-3} to 10^{-1} . Data points are shown with error bars, and a horizontal line is drawn at Ratio = 0.

Plot of pileup rate vs $\Delta R(\text{track, jet})$. The y-axis is labeled 'pileup rate vs $\Delta R(\text{track, jet})$ ' and 'Ratio', ranging from 0.95 to 0.2. The x-axis is labeled ' $\Delta R(\text{track, jet})$ ' and ranges from 10^{-3} to 10^{-1} . Data points are shown with error bars, and a horizontal line is drawn at Ratio = 1.0.

Fake rate vs pu

Plot of fake rate vs Pileup. The y-axis is labeled 'fakerrate vs PU' and 'Ratio', ranging from 0.95 to 0.5. The x-axis is labeled 'Pileup' and ranges from 20 to 80. Data points are shown with error bars, and a horizontal line is drawn at Ratio = 1.0.

Duplicates Rate vs pu

Plot of duplicates rate vs Pileup. The y-axis is labeled 'duplicates rate vs PU' and 'Ratio', ranging from 0 to 0.01. The x-axis is labeled 'Pileup' and ranges from 0 to 250. Data points are shown with error bars, and a horizontal line is drawn at Ratio = 0.

Pileup rate vs pu

Plot of pileup rate vs Pileup. The y-axis is labeled 'pileup rate vs PU' and 'Ratio', ranging from 0.95 to 0.5. The x-axis is labeled 'Pileup' and ranges from 20 to 80. Data points are shown with error bars, and a horizontal line is drawn at Ratio = 1.0.